

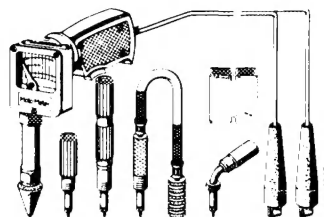
## 01—010 Checking compression

### Test values in bar for engine at operating temperature

Engine	Compression ratio $\epsilon : 1$	Compression normal	Min. Compression	Max. difference between separate cylinders
Normal compression	9,0	10–12	approx. 8,5	
Low compression				max. 1,5
<div>USA</div> <div>S J</div> <div>AUS</div> starting 1976 starting 1977	8,0	9–10	approx. 7,5	

### Special tool

Compression recorder with attachments and contact grip.



001 589 46 21 00

### Notes

Check compression with coolant at temperature of 80° C.

Check cylinders for leaks if compression is less than the minimum specification (01—015).

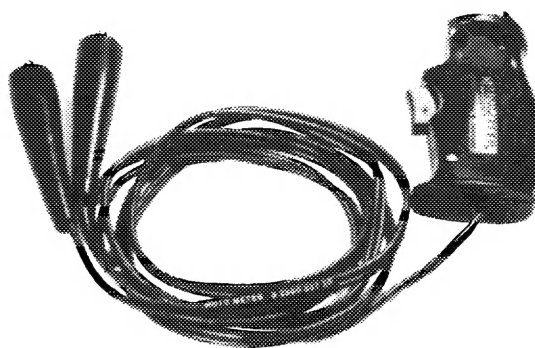
Unscrew all spark plugs for testing.

## Checking

### Models 107, 114 and 116

Connect contact handle to battery + and terminal 50 on starter.

Disconnect cable on ignition coil terminal 1.

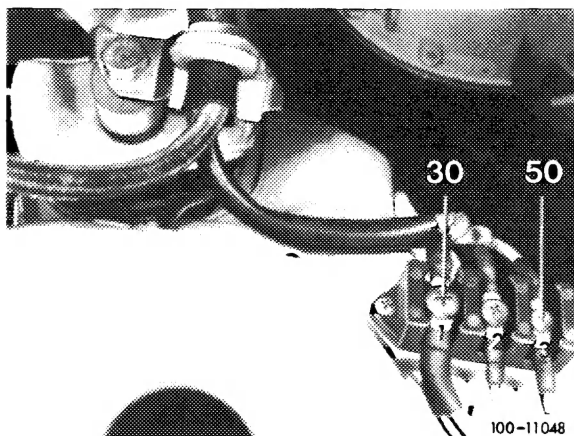


105-9061

### Model 123

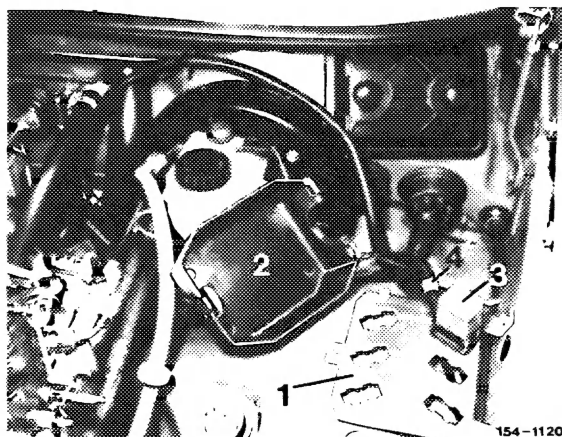
Connect contact handle to terminal 30 and to terminal 50 on cable connector.

Disconnect cable on ignition coil terminal 1.



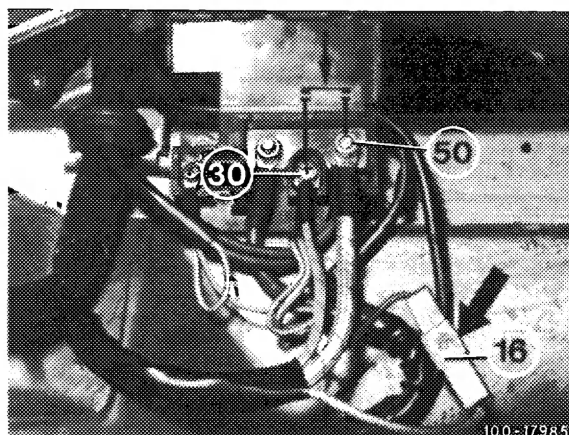
### Attention!

On engines with CIS injection system, pull-off relay with code number 21 (3) for fuel pump—warm-up compensator.



### Model 126

Separate cable plug, arrow terminal 16, so that the ignition coil, and on engines with CIS the fuel pump, cannot be activated. Connect terminal 30 and 50.



- 1 Rotate engine for several turns with ignition switched off and idle speed or selector lever position „P“ so that residue and soot will be blown out.
- 2 For testing, rotate engine for eight turns while opening throttle valve.

